

REMARKS

Reconsideration of the instant application is respectfully requested. The present amendment is submitted in conjunction with a Request for Continued Examination (RCE) and is responsive to the Final Office Action of February 27, 2007, in which claims 1-30 are presently pending. Of those, each of claims 1-30 presently remains rejected under 35 U.S.C. §102(b) as being anticipated by U.S. Patent Publication 2003/0093551 of Taylor, et al. For the following reasons, however, it is respectfully submitted that the application is now in condition for allowance.

With regard to the each of the §102(b) rejections of claims 1-30, independent claims 1, 6, 11 and 21 have now been amended as set forth above to more particularly point out that the SOAP message header enables a receiver to interpret and process the content of the SOAP message body using the meta-data and semantics included in the SOAP message header. Support for this amendment is found at least in Figure 2 of the drawings, as well as in paragraph [0022] of the specification. In particular, paragraph [0022] indicates in part "...the server side processor can infer the type of the message by looking into the header and use that information to process the message."

In other words, the claims as presently amended now more particularly point out that that for message exchanges between entities (e.g., between client and services or between services) the message semantics are transferred along with the "payload" to help the receiving party to validate and interpret the message payload based on the attached semantic meta-data information in the header. In contrast, Taylor fails to teach or suggest inclusion of semantic meta-data information in a message header that allows a receiver to interpret and process the contents of the SOAP message body. Rather, Taylor simply retrieves entity interaction semantics and interface compatibility information before actual business transactions (message exchanges) begin.

As shown in Figure 3 of Taylor, preliminary metadata exchange (14) is used to retrieve interface compatibility information and construct the necessary artifacts shown in Figure 2 using a parsing engine. The flowchart of Figure 8 indicates that these interface compatibility checks are carried out prior to the message exchange between client and server. Furthermore, claim 2 of the Taylor application recites that the step of collecting semantic information elements occurs dynamically during the preliminary exchange between two entities prior to an interface being established between two entities.

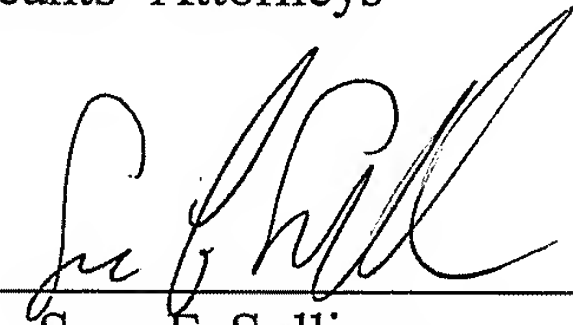
In contrast, the present claims are directed toward transmitting message semantic models along with actual business transactions (SOAP message bodies). This helps business transactions to be open ended, but bounded by the semantic meta-information attached. According to Taylor, the payload of interaction is defined upfront and cannot be changed or validated dynamically after the contract is established and adaptive interfaces are created. (See Figure 8 of Taylor and the accompanying description in paragraph [0242] where Taylor mentions that metadata exchange is retrieved “on connection” between a client and server. This is further explained in paragraphs [0257]-[0259].)

Therefore, Taylor fails to anticipate any of claims 1, 6, 11 and 21. Consequently, each of claims 1-30 is patentable over the Taylor publication.

For the above stated reasons, it is respectfully submitted that the present application is now in condition for allowance. No new matter has been entered. However, if any fees are due (in addition to a one month extension of time fee) with respect to this Amendment, please charge them to Deposit Account No. 09-0458 maintained by Applicants' attorneys.

Respectfully submitted,
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